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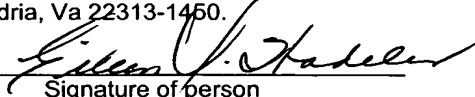
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Patent  
**PD - 980194A**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

THOMAS M. WALSH, ET AL

Serial No. (NOT Known)

Filed: HEREWITH

For: METHOD AND SYSTEM OF EFFICIENT  
SPECTRUM UTILIZATION BY  
COMMUNICATIONS SATELLITES

: Date: January 16, 2004

: Group Art Unit:

: Examiner: (Not Known)

INFORMATION DISCLOSURE STATEMENT

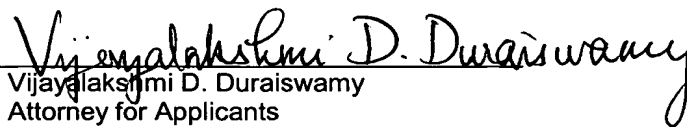
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Dear Sir:

The references cited on the enclosed Form PTO-1449 (copies of US Patent Applications and Non-US references enclosed) are brought to the attention of the Office in accordance with the duty of disclosure defined in 37 C.F.R. 1.56.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,  
THOMAS M. WALSH, et al.

By:   
Vijayalakshmi D. Duraiswamy  
Attorney for Applicants  
Registration No. 31,505

Enclosure: Form PTO-1449 w/references  
HUGHES ELECTRONICS CORPORATION  
RE/R11/A109  
P.O. Box 956  
El Segundo, CA 90245-0956  
(310) 964-0733

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| <b>Form PTO-1449</b>                                     | Serial Number<br>(Not Known)        | 980194A              |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> | Applicant<br>Thomas M. Walsh, et al |                      |
| (Use several sheets if necessary)                        | Filing Date<br>Herewith             | Group<br>(Not Known) |

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